



## Genset

Model	JHK5-1000GF
Voltage	230/400V
Frequency&Speed	50HZ;1500RPM
Prime Power	800kW/1000kVA
Standby Power	880kW/1100kVA

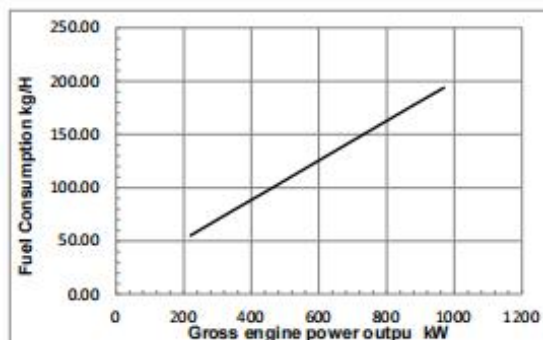
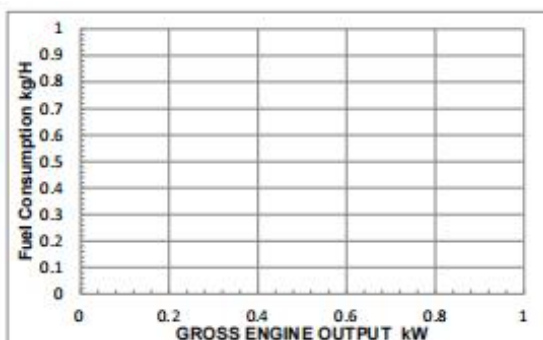
Compression Ratio: 13.9:1

Bore: 159 mm

Stroke: 159 mm

Emission Certification:

Governor Regulation:  $\leq 3\%$



➤ Engine: Cummins KTA38-G5

➤ Alternator: Stamford/Leroy Somer  
/Hengsheng

➤ Controller: DeepSea/SmartGen  
/DEIF/ComAp

Aspiration: Turbocharged&Aftercooled

Displacement 38L

No. of Cylinders 12

Fuel System Cummins PT

OUTPUT POWER			CONSUMPTION		BFSC	
%	BHP	kW	Lb/h	kg/h	g/kW.h	Lb/BHP.h
1800RPM						
STANDBY						
100	1300	970	427	194	200	0.329
PRIME						
100	1181	881	392	178	202	0.332
75	885	661	302	137	207	0.341
50	590	441	212	96	218	0.359
25	295	220	122	55	251	0.413
CONTINUOUS						
100	880	657	300	136	207	0.341

## Alternator

Pole No. 4-Pole

Exciter Type Single bearing, Brushless,  
Self-excited

Power factor 0.8

Voltage adjust range  $\leq 5\%$

Insulation Grade H

Protection Grade IP23/22

Phase / wire 3 phase 4 wires

- ✧ NEMAMG1.JIANGHAO, and ANSI standards compliance for temperature rise and motor starting.
- ✧ Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- ✧ Sustained short-circuit current enabling down stream circuit breakers to trip without collapsing the generator field.
- ✧ Self-ventilated and drip-proof construction.
- ✧ Superior voltage waveform from two-thirds pitch windings and skewed stator.
- ✧ Digital solid-state volts-per-hertz voltage regulator with +1% no-load to full-load regulation.

## Control Panel



**The control module gives digital readouts of:**

Generator voltage;  
Output frequency;  
Engine speed;  
Battery voltage;  
Engine hours run.

The **control panel** is an Digital Control Module suitable for a wide variety of single, diesel or gas, gen-set applications.

Monitoring an extensive number of engine parameters, the module will display warnings, shutdown and engine status information on the back-lit LCD screen and illuminated LEDs.

**The control module has indicators for failure information:**

Over speed/Low speed,  
Emergency stop  
Low oil pressure;  
High water temperature  
Failure to start  
Battery charger failure



Dimension:4450\*1800\*2500mm  
Weight:7900kg

**Automatic shutdown occurs under:**

Low engine oil pressure;  
High engine water temperature;  
Over speed/Low speed;  
Failure to start after three attempts.

## Electrical system

- Maintenance-free and anti-explosion battery
- Standard breaker
- ABB breaker (optional)
- ATS (optional)
- Battery charger (optional)
- GMS monitoring (optional)

## Packing

- Wrapping film packaging
- Tray packaging
- plywood box packaging



Dimension:5800\*2300\*2550mm  
Weight:11800kg  
Fuel Tank Capacity:1200L

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